Case No.: 03-465-B (400.138)



DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

RNA INTERFERENCE MEDIATED INHIBITION OF GENE EXPRESSION USING CHEMICALLY MODIFIED SHORT INTERFERING NUCLEIC ACID (siNA)

the specification of which is attached hereto unless the following space is checked:

was filed on November 24, 2003 as United States Application Serial Number 10/720,448.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s):

	Number	Country	Day/Month/Year Filed
1.			
2.			

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

	Application Number	Filing Date
1.	60/358,580	02.20.02
2.	60/363,124	03.11.02
3.	60/386,782	06.06.02
4.	60/406,784	08.29.02
5.	60/408,378	09.05.02
6.	60/409,293	09.09.02
7.	60/440,129	01.15.03

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or § 365(c) of any PCT international application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

	Application Number	Filing Date	Status: patented, pending, abandoned
1.	10/693,059	10.23.03	Pending
2.	10/444,853	05.23.03	Pending

3.	10/652,791	08.29.03	Pending
4.	10/422,704	04.24.03	Abandoned
5.	10/417,012	04.16.03	Abandoned
'б.	PCT/US03/05346	02.20.03	Inactive
7.	PCT/US03/05028	02.20.03	Inactive
8.	PCT/US02/15876	05.17.02	Inactive

I hereby appoint the practitioners associated with the Customer Number provided below to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and I direct that all correspondence be addressed to that Customer Number.

Customer Number: 020306

Principal attorney or agent: Michael S. Greenfield

Telephone number: 312-913-0001

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

application of any page		٠	
Full name of first inver	ntor: James McSwiggen		
Inventor's signature: _	(frill)	Date:	11/29/04
Residence:	Boulder, Colorado	Dato.	
Citizenship:	United States of America		•
Post Office Address:	4866 Franklin Drive, Boulder, Colorado 803	01	
1 Obt Office Hadress.	, 500 114, 114, 201, 201, 201, 201, 201, 201, 201, 201	-	
	Ç		
Full name of second jo	int inventor: Bharat M. Chowrira		
,	RIO		11/9/04
Inventor's signature: _		Date:	
Residence:	Louisville, Colorado		
Citizenship:	United States of America		
Post Office Address:	576 Manorwood Lane, Louisville, Colorado	80027	
Full name of third joint	inventor: Leonid Beigelman		
Tun name of time joint	•		
Inventor's signature:	Sezelarin	Date:	11/22/04
Residence:	Longmont, Colorado	Daio.	
Citizenship:	United States of America		
Post Office Address:	5530 Colt Drive, Longmont, Colorado 80503		
1 001 011100 11001000	2250 Con 21110, 2011g.no.11, Constitute Co. 201		
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Full name of fourth join	nt inventor: Dennis Macejak		
Y		D-4-	
Inventor's signature:		Date: .	
Residence:	Arvada, Colorado		
Citizenship:	United States of America		
Post Office Address:	6595 Union Street, Arvada, Colorado 80004		

Full name of fifth joint	inventor: Shawn Zinnen	
Inventor's signature:	Denver, Colorado United States of America	Date: 11/16/04
Post Office Address:	2378 Birch Street, Denver, Colorado 80207	•
Full name of sixth joint	inventor: Pamela Pavco	
Inventor's signature: Residence:	Lafayette, Colorado	Date: ///10/04
Citizenship: Post Office Address:	United States of America 705 Bayberry Circle, Lafayette, Colorado 8	0026
Full name of seventh jo	oint inventor: Peter Haeberli	
Inventor's signature:	Berthoud, Colorado	Date: 11/9/2004
Citizenship:	United States of America	
Post Office Address:	705 7th Street, Berthoud, Colorado 80513	
••		•
	natinventor: David Morrisey	11/10/04
Inventor's signature: Residence:	Boulder, Colorado	Date:
Citizenship:	United States of America	
Post Office Address:	4769 Tanglewood Trail, Boulder, Colorado	80301
	./	
Full name of ninth joint	inventor: Kathy Fosnaugh	, / /
Inventor's signature:	Tell)	Date: 1//9/04
Residence: Citizenship:	Boulder, Colorado United States of America	γ ι
Post Office Address:	1030 Edinboro Drive, Boulder, Colorado 80	305 X.V.
Full name of tenth joint	inventor: Sharon Jamison	
Inventor's signature:		Date:
Residence:	Boulder, Colorado	·
Citizenship: Post Office Address:	United States of America 4985 twin Lakes Road #89, Boulder, Colora	do 80301

•	/X\	
Full name of eleventh joi	nt inventor: Nassim/Usman	
	W - 1/	Date: 19, NOV. 06
Inventor's signature:	74 1	Date:
Residence:	Lafayette, Colorado	
Citizenship:	United States of America	
Post Office Address:	2129 Night Sky Lahe, Lafayette, Colorado 8	30026
•		
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Tall and family in the	·	·
Full name of twelfth joint	inventor: James Thompson	
Inventor's signature:		Date:
Residence:	Lafayette, Colorado	Date.
Citizenship:	United States of America	•
Post Office Address:	705 Barberry Circle, Lafayette, Colorado 80	0026
1 Ost Office Madress.	703 Darbeiry Chele, Ediayette, Colorado be	7020
•	-	
Full name of thirteenth jo	int inventor: Chandra Vargeese	
 		,
Inventor's signature:	V. Clin	Date: 11/24/04
Residence:	Broomfield, Colorado	·· - - - - - - - - - -
Citizenship:	United States of America	•
Post Office Address:	14010 Westhampton Place, Broomfield, Co.	lorado 80020
	•	·
Full name of fourteenth jo	oint inventor: Weiman Wang	
	Wary Weimin	- 11/20/01/1
Inventor's signature:	War Weimin	Date: 11/29/04
	Superior, Colorado	
Citizenship:	China	2007
Post Office Address:	3122 Cimarron Place, Superior, Colorado 80	JU27 .
•	·	
Full name of fifteenth joir	nt inventor: Tongqian Chen	
run name of inteenin jon	it inventor. Tongqian Chen	11/2/21
Inventor's signature:	met Chin	Date: 1/19/04
Residence:	Longmont, Colorado	Bate.
Citizenship:	China V	
Post Office Address:	2450 Airport Road Apt. 1284, Longmont, C	olorado 80503
1 oot Office / Rear cas.	2 130 Taiport Road Tipt. 120 1, Bongmont, C	0101440 00505
	·	
Full name of sixteenth jo	int inventor: / Narendra Vaish	
Full name of sixteenth jo	int inventor: Narendra Vaish	11/10/04
Full name of sixteenth jo	int inventor: Narendra Vaish	Date: 11 10 04
•	int inventor: Narendra Vaish Denver, Colorado	Date: 11 10 04
Inventor's signature:	Afraigh.	Date: 11 10 04

Full name of eleventh joi	int inventor: Nassim Usman	
Inventor's signature:		Date:
Residence:	Lafayette, Colorado	
Citizenship:	United States of America	
Post Office Address:		do 80026
Full name of twelfth join	at inventor: James Thompson	
Inventor's signature:		Date: 12/16/04
Residence:	Lafayette, Colorado	
Citizenship:	United States of America	
Post Office Address:	705 Barberry Circle, Lafayette, Colorado	o 80026
Full name of thirteenth j		Deter
Inventor's signature:	5 611 61 1	Date:
	Broomfield, Colorado	
	United States of America	G 1 1 00000
Post Office Address:	14010 Westhampton Place, Broomfield,	Colorado 80020
Full name of fourteenth		Date:
Residence:	Superior, Colorado	
Citizenship:	China	
Post Office Address:	3122 Cimarron Place, Superior, Colorad	do 80027
Full name of fifteenth jo	int inventor: Tongqian Chen	
Inventor's signature:		Date:
Residence:	Longmont, Colorado	
Citizenship:	China	
Post Office Address:	2450 Airport Road Apt. 1284, Longmor	nt, Colorado 80503
Full name of sixteenth j	oint inventor: Narendra Vaish	D.
Inventor's signature:		Date:
Residence:	Denver, Colorado	
Citizenship:	India	1 1- 00010
Post Office Address:	1313 Williams Street #503, Denver, Co	IOTAGO 8UZ18

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Residence:	Boulder, Colorado			
Citizenship:	United States of America			
Post Office Address:	4866 Franklin Drive, Boulder, Colorado 803	01		
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Inventor's signature:		Date:		
	Louisville, Colorado			
<u>.</u>	United States of America			
Post Office Address:	576 Manorwood Lane, Louisville, Colorado	80027		
Full name of third joint in	Full name of third joint inventor: Leonid Beigelman			
Inventor's signature:		Date:		
	Longmont, Colorado			
Citizenship:	United States of America			
Post Office Address:	5530 Colt Drive, Longmont, Colorado 80503	3		
Full name of fourth joint i	nventor: Dennis Macejak			
•	$\wedge \cdot M \cdot 1$	10 17 11		
Inventor's signature:	1 lexact 4 coras	Date: 12-13-04		
Residence:	Arvada, Colorado			
Citizenship:	United States of America			
Post Office Address:	6595 Union Street, Arvada, Colorado 80004			

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Residence: Citizenship:	Denver, Colorado United States of America 2378 Birch Street, Denver, Colorado 80207	Date:	
Full name of sixth joint	inventor: Pamela Pavco		
Inventor's signature:		Date:	
Residence:	Lafayette, Colorado		
Citizenship: Post Office Address:	United States of America 705 Bayberry Circle, Lafayette, Colorado 8	0026	
Inventor's signature: Residence: Citizenship:	Berthoud, Colorado United States of America 705 7th Street, Berthoud, Colorado 80513	Date:	
Full name of eighth joir	nt inventor: David Morrisey		
Inventor's signature:		Date:	
Residence:	Boulder, Colorado		
	United States of America 4769 Tanglewood Trail, Boulder, Colorado	80301	
·	inventor: Kathy Fosnaugh		
Inventor's signature:		Date:	
Residence: Citizenship:	Boulder, Colorado United States of America		
Post Office Address:	1030 Edinboro Drive, Boulder, Colorado 80	0301	
Full name of tenth joint	inventor: Sharon Jamison	Date: 01/10/05	
Inventor's signature: Residence:	Roulder Coloredo	Date: 01/10/05	
Citizenship:	Boulder, Colorado United States of America	•	
Post Office Address:			